

# TOKYO SKYTREE

The tallest tower in the world with cutting edge technology





- ▶ Tokyo Skytree is a broadcasting and observation tower. Its full height of 634 meters (2,080 ft) completed on February 2012, the tallest tower in the world and the second tallest structure in the world after the Burj Khalifa (829.8 m/2,722 ft).



- ▶ 1<sup>st</sup> observation deck 350m (2000yen) and 2<sup>nd</sup> is 450m high (3000yen).



- ▶ The tower has seismic proofing, including a central shaft made of reinforced concrete.
- ▶ The main internal pillar is attached to the outer tower structure for the first 125 meters (410 ft) above ground. From there until 375 meters (1,230 ft) the pillar is attached to the tower frame with oil dampers, which act as cushions during an earthquake.
- ▶ According to the designers, the dampers can absorb 50 percent of the energy from an earthquake.



- ▶ From the observation deck, visitors can watch all over the Kanto plain and surrounding mountains including Mt. Fuji around 100km west from the tower.



- ▶ Also we can watch down famous Sensoji temple near by.